L Numbe	r Hits	Search Text	DB	Time stamp
1	38	((template or mask) near4 count\$3) with	USPAT;	2003/06/15 23:51
		threshold\$3	EPO; DERWENT;	
			IBM_TDB	2002/10/18 11:25
-	17	"744705"	USPAT; EPO;	2002/10/18 11:25
İ			DERWENT;	
			IBM TDB	
_	2	6002800.pn.	USPAT;	2002/10/22 14:16
	_		EPO;	
			DERWENT;	
			IBM_TDB	0000/10/10 11 20
-	6	("3717848"   "4736438"   "5067162"	USPAT	2002/10/18 11:30
	466	"5258924"   "5488672"   "5850466").PN. 382/100.ccls.	USPAT;	2002/10/18 13:05
! ~	400	3027100.0013.	EPO;	2002, 10, 10 10.00
			DERWENT;	
•			IBM_TDB	l
' <del>-</del>	50	382/100.ccls. and ((extract\$6 or recogni\$6	USPĀT;	2002/10/18 13:23
		or detect\$6) with coordinate\$1)	EPO;	
			DERWENT; IBM TDB	
_	0	(382/100.ccls. and ((extract\$6 or	USPAT;	2002/10/18 13:08
	ı ı	recogni\$6 or detect\$6) with coordinate\$1))	EPO;	
		and (angular with distribution\$1)	DERWENT;	
			IBM_TDB	
-	1	1	USPAT;	2002/10/18 13:07
		distribution\$1)	EPO; DERWENT;	
ľ			IBM TDB	
_	9	(382/100.ccls. and ((extract\$6 or	USPAT;	2002/10/18 13:09
		recogni\$6 or detect\$6) with coordinate\$1))	EPO;	
		and (angular with (distribution\$1 or	DERWENT;	
) )		orientation\$1 or location\$1 or	IBM_TDB	
i	20	direction\$1)) 382/100.ccls. and (angular near4	USPAT;	2002/10/18 13:25
; —	20	(distribution\$1 or orientation\$1 or	EPO;	2002/10/10
:	1	location\$1 or direction\$1))	DERWENT;	
			IBM_TDB	
-	13471	steganograph\$4 or ((digital\$4 or	USPAT;	2002/10/21 12:10
!		electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))	EPO; DERWENT;	
•		of infolmation, heart (mides of chacays,)	IBM TDB	
. <del>-</del>	274	(steganograph\$4 or ((digital\$4 or	USPĀT;	2002/10/18 13:24
i		electronic\$4) near4 watermark\$4) or ((data	EPO;	
!		or information) near4 (hid\$5 or embed\$5)))	DERWENT;	
1		<pre>and ((extract\$6 or recogni\$6 or detect\$6) with coordinate\$1)</pre>	IBM_TDB	
	1558		USPAT;	2002/10/18 13:24
	1550	electronic\$4) near4 watermark\$4) or ((data	EPO;	
		or information) near4 (hid\$5 or embed\$5)))	DERWENT;	
] *		and ((extract\$6 or recogni\$6 or detect\$6)	IBM_TDB	
1		<pre>with (coordinate\$1 or location\$1)) ((steganograph\$4 or ((digital\$4 or</pre>	USPAT;	2002/10/18 13:27
. –	"	((steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data	EPO;	2002/10/10 13:2/
į	-	or information) near4 (hid\$5 or embed\$5)))	DERWENT;	
! •		and ((extract\$6 or recogni\$6 or detect\$6)	IBM_TDB	
!	i	with coordinate\$1)) and (angular near4	=	
		(distribution\$1 or orientation\$1 or		
_	66	location\$1 or direction\$1)) ((steganograph\$4 or ((digital\$4 or	USPAT;	2002/10/18 14:44
	00	electronic\$4) near4 watermark\$4) or ((data	EPO;	
		or information) near4 (hid\$5 or embed\$5)))	DERWENT;	
	¥ .	and ((extract\$6 or recogni\$6 or detect\$6)	IBM_TDB	
	•	with (coordinate\$1 or location\$1))) and		
		<pre>(angular near4 (distribution\$1 or orientation\$1 or location\$1 or</pre>		
		direction\$1))		
			Ļ	

113					
-	-	961	image\$1 with watermark\$4		2002/10/18 14:07
-	1			•	
-   24 (image\$1 with watermark\$4) same mask\$1   EPO; DERWENT; IBM TDB   USPAT; EPO; DERWENT; IBM TDB   USPAT   2002/10/18 15: EPO; DERWENT; IBM TDB   USPAT   2002/10/18 15: EPO; DERWENT; IBM TDB   USPAT   2002/10/18 16: EPO; DERWENT; IBM TDB   USPAT; EPO; DERWENT; IBM TDB					
-	-	113	(image\$1 with watermark\$4) and mask\$1		2002/10/18 14:29
-					
-	1	!			
Total Content   Total Conten	` <u> </u>	24	(image\$1 with watermark\$4) same mask\$1		2002/10/18 14:30
Time Top	1	i	i		
-	İ			DERWENT;	
and (angular near4 (distribution\$1 or orientation\$1 or location\$1) or location\$1 or lo					
	-	7		•	2002/10/18 15:46
-					
-					,
Poper		2			2002/10/18 15:48
-		_			
-	1				
-   2   6370271.pn.   EPO;   DERWENT;   IBM TDB   USPĀT;   EPO;   DERWENT;   IBM TDB   USPĀT;   EPO;   DERWENT;   IBM TDB   USPĀT   EPO;   DERWENT;   EPO;					
DERWENT; IBM_TDB USPAT; 2002/10/18 15: EPC; DERWENT; IBM_TDB USPAT; 2002/10/18 15: EPC; DERWENT; IBM_TDB USPAT; 2002/10/18 16: "5226095" "5379093"   "5440409"   "5481378"   "5483602"   "5515451"   "5533144"   "5592573"   "5604596"   "5621810"   "55845008").PN.  - 13471   13471   "5483602"   "5781653"   "5793901"   "5845008").PN.  - 13471   steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))   ERWENT; IBM_TDB USPAT; 2002/10/21 13: EPC; DERWENT; IBM_TDB USPAT; 2002/10/21 12: EPC; DERWENT; IBM_TDB USPAT; 2003/06/04 13: EPC; DERWENT; IBM_TDB USPAT; 2003/06/04 13: EPC; DERWENT; IBM_TDB USPAT; 2003/06/04 13: EPC; DERWENT; IBM_TDB USPAT; 2002/10/21 15: EPC; DERWENT; IBM_TDB USPAT; 2002/10/21 13: EPC; D	-	2	6067374.pn.	1	2002/10/18 15:50
Company	1			,	
2   6370271.pn.   USPĀT; EPO; DERWENT; IBM TDB   USPĀT   2002/10/18 15: EPO; DERWENT; IBM TDB   USPĀT   2002/10/18 16:   15481378"   "5483602"   "5515451"   "5533144"   "5592573"   "5604596"   "5793901"   "5845008").PN.   13471   steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))   and (discrete with angular)   (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))   and (discrete with angular)   EPO; DERWENT; IBM TDB uspĀT; EPO; DERWENT; IBM TDB uspĀT ;					
C	-	2	6370271.pn.		2002/10/18 15:50
Temporal Content of the content of			·		
17		1			
"5226095"   "5379093"   "5440409"   "5481378"   "5483602"   "5515451"   "553144"   "5592573"   "5604596"   "5621810"   "5647010"   "5781653"   "5793901"   "5845008") PN.  13471   steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))	ļ	1	(442064204   4400220034   450162044		2000/10/10 10 11
"5481378"   "5483602"   "5515451"   "5533144"   "5592573"   "5604596"   "5621810"   "5647010"   "5781653"   "5793901"   "5845008").PN.  13471   steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))    30	_	17		USPAT	2002/10/18 16:04
"5533144"   "5592573"   "5604596"   "5621810"   "5647010"   "5781653"   "5793901"   "5845008") PN.     "5793901"   "5845008") PN.	1				
"5621810"   "5647010"   "5781653"     "5793901"   "5845008").PN.     steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))   DERWENT;   IBM_TDB	1	i			
13471 steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))  30 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) and (discrete with angular)  216 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) and (annular)  17 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) same (annular)  19157 steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4 or ((data or information) near4 (hid\$5 or embed\$5))) same (annular)  19157 steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or uspāT; ePO; signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) mear4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)) same (radial)  131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)) same (radial)  132 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)) same (radial)  132 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)) same (radial)			"5621810"   "5647010"   "5781653"	1	
electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))  (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  and (discrete with angular)  216 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  and (annular)  17 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  same (annular)  19157 steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5)))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))  same (radial)  131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  132 (steganograph\$4 or ((digital\$6) or embed\$5)))  133 (steganograph\$6) or ((data or information) near6 (hid\$5 or embed\$5)))  134 (steganograph\$6) or ((data or information) near6 (hid\$5 or embed\$5)))  135 (steganograph\$6) or ((data or information) near6 (hid\$5 or embed\$5)))  136 (steganograph\$6) or ((data or information) near6 (hid\$5 or embed\$5))  135 (steganograph\$6) or ((digital\$6) or embed\$7) or ((data or information) near6 (hid\$7) or embed\$7) DERWENT; same (radial)			, ,		0000 (10 (22 12 22
or information) near4 (hid\$5 or embed\$5))    Comparison	-	13471			2002/10/21 13:01
- 30 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) and (discrete with angular)  - 216 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) and (annular)  - 17 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) same (annular)  - 19157 steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  - 131 (steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  - 131 (steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))  - 131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  - 131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  - 132 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  - 133 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  - 134 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))		1			
- 30 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) and (discrete with angular)  - 216 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) and (annular)  - 17 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) same (annular)  - 19157 steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  - 131 (steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or electronic\$4) near4 watermark\$4 or (data or information) near4 (hid\$5 or embed\$5))  - 131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) same (radial)  - 131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  - 132 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  - 133 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  - 134 (steganograph\$6 or ((digital\$6 or embed\$5)))  - 135 (steganograph\$6 or ((digital\$6 or embed\$5)))  - 136 (steganograph\$6 or embed\$5))  - 137 (steganograph\$6 or embed\$6))  - 138 (steganograph\$6 or embed\$6))			or information, near, (mray) or embeddy))		
electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) and (discrete with angular)  216 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) and (annular)  17 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) same (annular)  19157 steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) same (radial)  131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) same (radial)	-	30			2002/10/21 12:58
and (discrete with angular) (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) and (annular) (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  17 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 (hid\$5 or embed\$5))) same (annular) steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) same (radial)  132 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) same (radial)  134 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))) same (radial)			electronic\$4) near4 watermark\$4) or ((data		
- 216 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  and (annular)  17 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  same (annular)  19157 steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  BERWENT; same (radial)				•	
electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  and (annular)  (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  same (annular)  19157  19158  19157  1		216			2002/10/21 12:50
or information) near4 (hid\$5 or embed\$5))) and (annular)  (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  19157  19158  19157	-	210			2002/10/21 12:39
and (annular) (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  19157  19158  2003/06/04 13:  2003/06/04 13:  2003/06/04 13:  2003/06/04 13:  2002/10/21 15:  2002/10/21 13:  2002/10/21 13:  2002/10/21 13:  2002/10/21 13:  2002/10/21 13:  2002/10/21 13:  2002/10/21 13:  2002/10/21 13:  2002/10/21 13:  2002/10/21 13:					
electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  19157 steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) or information) near4 (hid\$5 or embed\$5)))  2002/10/21 15:2002/10/21 13:4000 perwent; near4 (hid\$5 or embed\$5)))  2002/10/21 13:4000 perwent; near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  2002/10/21 13:4000 perwent; near4 (hid\$5 or embed\$5)))  2002/10/21 13:4000 perwent; near4 (hid\$5 or embed\$5)))	;		and (annular)		
or information) near4 (hid\$5 or embed\$5)))  DERWENT;  Same (annular)  steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) or information) near4 (hid\$5 or embed\$5)))  and DERWENT;  IBM_TDB  USPAT;  USPAT;  electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  DERWENT;  IBM_TDB  2002/10/21 15:00	-	17			2003/06/04 13:53
same (annular)  19157 steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) or information) near4 (hid\$5 or embed\$5)))  DERWENT;  same (radial)  IBM TDB  USPAT;  EPO;  DERWENT;  DERWENT;  IBM TDB  USPAT;  2002/10/21 13:0					
- 19157 steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  - 131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  or information) near4 (hid\$5 or embed\$5)))  same (radial)  USPAT; EPO; DERWENT; IBM_TDB					
electronic\$4) with (watermark\$4 or signature\$1)) or ((data or information) near4 (hid\$5 or embed\$5))  131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  berwent; same (radial)  EPO; DERWENT; DERWENT; IBM_TDB	! -	19157	, , ,		2002/10/21 15:20
near4 (hid\$5 or embed\$5))  (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data or information) near4 (hid\$5 or embed\$5)))  berwent; same (radial)  IBM_TDB  USPAT; EPO; DERWENT; IBM_TDB	,			EPO;	
- 131 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 watermark\$4) or ((data EPO; or information) near4 (hid\$5 or embed\$5))) DERWENT; same (radial)					
electronic\$4) near4 watermark\$4) or ((data EPO; or information) near4 (hid\$5 or embed\$5))) DERWENT; same (radial) IBM_TDB	İ				0000/10/01 10 55
or information) near4 (hid\$5 or embed\$5))) DERWENT; same (radial) IBM_TDB	i -	131			2002/10/21 13:09
same (radial) IBM_TDB				· ·	
	1			· ·	
	-	116	radial with signature\$1	USPAT;	2002/10/21 13:11
EPO;			· · · · · · · · · · · · · · · · · · ·	EPO;	
DERWENT;	]			1	
		30	annular with cignaturact		2002/10/21 13:03
- 39 annular with signature\$1 USPAT; 2002/10/21 13:0		39	annutat with signaturest		2002/10/21 13:03
DERWENT;		]			1
IBM_TDB				IBM_TDB	
	<u> </u>	4		USPAT	2002/10/21 13:05
"5839563").PN.		1	"5839563").PN.		

_	1	annular with watermark\$1	USPAT;	2002/10/21 13:09
			EPO;	
			DERWENT;	i
			IBM_TDB	1
-	3	radial with watermark\$1	USPAT;	2002/10/21 13:09
			EPO;	1
			DERWENT;	
1			IBM_TDB	
-	1		USPAT;	2002/10/21 13:11
1		electronic\$4) near4 watermark\$4) or ((data	EPO;	
1		or information) near4 (hid\$5 or embed\$5))) same (radial)) and (radial with	DERWENT;	<u> </u>
		same (radial)) and (radial with   signature\$1)	IBM_TDB	
! _	6		USPAT;	2002/10/21 13:16
1		detect\$6)) same (radial or annular or	EPO;	2002/10/21 13:10
!		circle\$1)	DERWENT;	
			IBM TDB	
<b> </b> _	225	(extract\$6 or recogni\$6 or detect\$6) same	USPAT;	2002/10/21 15:29
i :		(radial or annular or circle\$1 or circular	EPO:	
	i	or concentric) same (watermark\$1 or	DERWENT;	
1		signature\$1)	IBM TDB	
i -	28	(extract\$6 or recogni\$6 or detect\$6) same	USPĀT;	2002/10/21 13:31
		(radial or annular or circle\$1 or circular	EPO;	
1		or concentric) same (watermark\$1 or	DERWENT;	
	1	signature\$1) same (multiple or several)	IBM_TDB	
-	357		USPAT;	2002/10/21 17:36
ł		electronic\$4) with (watermark\$4 or	EPO;	
		signature\$1)) or ((data or information)	DERWENT;	
		near4 (hid\$5 or embed\$5))) same (((spatial	IBM_TDB	
	1	or relative) near4 (arrangement or		
		orientation or distance)) or (data near4		
		element) or (characteristic near4 feature))		
1	80		USPAT;	2002/10/22 15:45
_	80	electronic\$4) with (watermark\$4 or	EPO;	2002/10/22 15:45
		signature\$1)) or ((data or information)	DERWENT;	
		near4 (hid\$5 or embed\$5))) same (((spatial	IBM TDB	
		or relative) near4 (arrangement or		
		orientation or distance)) or (data near4		
		element) or (characteristic near4	•	
		feature))) and (radial or annular or		
•	!	circle\$1 or circular or concentric)		
i <b>–</b>	38	(steganograph\$4 or ((digital\$4 or	USPAT;	2002/10/21 18:22
		electronic\$4) with (watermark\$4 or	EPO;	
		signature\$1)) or ((data or information)	DERWENT;	
		near4 (hid\$5 or embed\$5))) same (((spatial	IBM_TDB	
		or relative) near4 (arrangement or		
		orientation or distance)) or		
	1000	(characteristic near4 feature))	1100000-	2002/10/21 18:23
-	1026	<pre>(steganograph\$4 or ((digital\$4 or electronic\$4) with (watermark\$4 or</pre>	USPAT; EPO;	2002/10/21 18:23
		signature\$1)) or ((data or information)	DERWENT;	
		near4 (hid\$5 or embed\$5))) and (((spatial	IBM TDB	
		or relative) near4 (arrangement or	100	
		orientation or distance)) or		
		(characteristic near4 feature))		
( <u> </u>	4	("5659726"   "5689587"   "5721788"	USPAT	2002/10/21 18:48
		"5748783").PN.		
-	19	("3898617"   "3944978"   "4053228"	USPAT	2002/10/22 14:12
	1	"4135147"   "4185270"   "4210899"		
:	] i			
		"4227805"   "4246568"   "4322163"		
ļ	1	"4334241"   "4441205"   "4537484"		
		"4334241"   "4441205"   "4537484"   "4544267"   "4553837"   "4569080"		
		"4334241"   "4441205"   "4537484"   "4544267"   "4553837"   "4569080"   "4581760"   "4599656"   "4685145"	į	
		"4334241"   "4441205"   "4537484"   "4544267"   "4553837"   "4569080"   "4581760"   "4599656"   "4685145"   "4783831").PN.		0000/10/00 10 5
-	6	"4334241"   "4441205"   "4537484"   "4544267"   "4553837"   "4569080"   "4581760"   "4599656"   "4685145"   "4783831").PN.	USPAT	2002/10/22 14:16

-	22	, ==	USPAT	2002/10/22 14:17
		"4325981"   "4490846"   "4547896"		
	† •	"4550433"   "4586811"   "4618257"		
<b>†</b>	1	"4628194"   "4652914"   "4723147"   "4723149"   "4728984"   "4739377"		
İ		"4723149"   "4728984"   "4739377"   "4749087"   "4772958"   "4797945"		
i	1	"4812904"   "4881268"   "4973851"		
		"5010580").PN.		
ı -	19086	382/\$.ccls.	USPAT;	2002/10/22 15:56
			EPO;	
			DERWENT;	
	_		IBM_TDB	
-	0	,	USPAT;	2002/10/22 15:54
		feature\$1 or angle\$1 or angul\$4) with	EPO;	
	1	(neighbor\$5 or relation\$6 or relative))	DERWENT;	
1_	3404	382/\$.ccls. and ((characteristic\$1 or	IBM_TDB USPAT;	2002/10/22 16:54
1	7904	feature\$1 or angle\$1 or angul\$4) with	EPO;	2002/10/22 16:54
		(neighbor\$5 or relation\$6 or relative))	DERWENT;	
1		(102301201) 0 2 20201201, 0 02 1020110, 7	IBM TDB	
-	468	382/100.ccls.	USPAT;	2002/10/22 15:56
			EPO;	
1			DERWENT;	
			IBM_TDB	
<u> </u>	96		USPAT;	2002/10/22 15:57
1		feature\$1 or angle\$1 or angul\$4) with	EPO;	
1	1	(neighbor\$5 or relation\$6 or relative))	DERWENT; IBM TDB	
1_	2306	382/\$.ccls. and ((characteristic\$1 or	USPAT;	2002/10/22 18:09
_	2300	feature\$1 or angle\$1 or angul\$4) near5	EPO;	2002/10/22 18:09
í		(neighbor\$5 or relation\$6 or relative))	DERWENT;	1
1	1	(	IBM TDB	
-	115	382/\$.ccls. and (((characteristic\$1 or	USPAT;	2002/10/22 18:29
		feature\$1 or angle\$1 or angul\$4) near5	EPO;	
	1	(neighbor\$5 or relation\$6 or relative))	DERWENT;	
		same (radial or annular or circle\$1 or	IBM_TDB	
		circular or concentric))		
_	0		USPAT;	2002/10/22 18:30
		feature\$1 or angle\$1 or angul\$4) near5 (neighbor\$5 or relation\$6 or relative))	EPO; DERWENT;	
1		same (discrete near4 angle))	IBM TDB	A 1 4
_	15	1	USPAT;	2002/10/22 19:04
		feature\$1 or angle\$1 or angul\$4) near5	EPO;	1000, 10, 42 15.01
		(neighbor\$5 or relation\$6 or relative))	DERWENT;	
		and (discrete near4 angle))	IBM_TDB	
-	4	4135147.pn.	USPAT;	2002/10/23 14:52
			EPO;	
]			DERWENT;	•
1		. (#2611200#   #2620100#   #265000##	IBM_TDB	2002/10/22 11 21
-	4	("3611290"   "3638188"   "3959884"   : "4015240").PN.	USPAT	2002/10/23 11:34
~	468	382/100.ccls.	USPAT;	2002/10/23 14:52
!	100	000,100.0010.	EPO;	2002/10/23 14:32
:			DERWENT;	
į			IBM TDB	
-	o	382/100.ccls. and (discrete near4 angular)	USPAT;	2002/10/23 14:52
			EPO;	]
	i		DERWENT;	
			IBM_TDB	
-	1100	discrete near4 angular	USPAT;	2002/10/23 14:52
			EPO;	
			DERWENT;	
<u> </u>	3	(discrete near4 angular) same (mask\$1 or	IBM_TDB USPAT;	2002/10/23 15:18
_	٦	template\$1)	EPO;	2002/10/23 13:18
	İ		DERWENT;	
			IBM TDB	
	8	5570332.URPN.	USPĀT	2002/10/23 14:54
			•	

-	31	(discrete near4 angular) same	USPAT;	2002/10/23 15:00
		(distribution)	EPO; DERWENT;	
			IBM TDB	
_	9	("4656538"   "4899234"   "5140683"	USPAT	2002/10/23 15:08
		"5150266"   "5151639"   "5247498"	001	2002, 20, 20
		"5268804"   "5422762"   "5459853").PN.		
_	125	(discrete near4 angular) same (mask\$1 or	USPAT;	2002/10/23 15:19
l i		template\$1 or reference\$1 or annular or	EPO;	
		circle\$1)	DERWENT;	
			IBM_TDB	0000/10/02 15 25
-	38		USPAT; EPO;	2002/10/23 15:35
		template\$1 or annular or circle\$1)	DERWENT;	
,	ļ		IBM TDB	İ
i <u>-</u>	81	(discrete near4 angular) same (annular or	USPĀT;	2002/10/23 15:36
:		circle\$1 or circular)	EPO;	
1	] 		DERWENT;	
			IBM_TDB	
P -	31	, ,	USPAT;	2002/10/23 15:37
i		circle\$1 or circular)	EPO;	
			DERWENT; IBM TDB	
_	17	"744705"	USPAT;	2003/06/02 14:48
	1 '		EPO;	
			DERWENT;	
			IBM_TDB	
1 -	0	6002800.pn. and foreground	USPAT;	2003/06/02 14:48
			EPO;	
			DERWENT;	
		6000000	IBM_TDB	2003/06/02 16:43
1 -	1	6002800.pn. and background	USPAT; EPO;	2003/06/02 16:43
; [			DERWENT;	
r-			IBM TDB	
	5685	(background or (back adj ground)) with	USPAT;	2003/06/03 15:53
1		(foreground or (fore adj ground))	EPO;	
			DERWENT;	
i İ			IBM_TDB	
-	865	((background or (back adj ground)) with	USPAT;	2003/06/02 16:50
ĺ		(foreground or (fore adj ground)) ) with pixel\$1	EPO; DERWENT;	
!		bixeidi	IBM TDB	
_	96	(((background or (back adj ground)) with	USPAT;	2003/06/02 19:11
	20	(foreground or (fore adj ground)) ) with	EPO;	
		pixel\$1) with (transition\$3 or chang\$3 or	DERWENT;	
		shift\$3)	IBM_TDB	
-	34	(((background or (back adj ground)) with	USPAT;	2003/06/03 11:47
		(foreground or (fore adj ground)) ) with	EPO; DERWENT;	
		pixel\$1) with (transition\$3)	IBM TDB	
_	5693	(background or (back adj ground)) with	USPAT;	2003/06/03 19:00
	3333	(foreground or (fore adj ground))	EPO;	=111, 10, 10
		,	DERWENT;	
			IBM_TDB	
	154	((background or (back adj ground)) with	USPAT;	2003/06/03 16:33
		(foreground or (fore adj ground))) with	EPO;	
		transition\$1	DERWENT;	
_ 1	39	(((background or (back adj ground)) with	IBM_TDB USPAT;	2003/06/04 11:25
1	39	(foreground or (fore adj ground))) with	EPO;	2003/00/04 11.23
1		transition\$1) and 382/\$.ccls.	DERWENT;	
			IBM TDB	
- ;	6995	(background or (back adj ground)) adj	USPĀT;	2003/06/03 19:01
. 1	İ	image	EPO;	
			DERWENT;	
_	11	lead with lag with pixel\$1	IBM_TDB USPAT;	2003/06/03 19:01
	11	1000 aton tad aton biverat	EPO;	2003/00/03 19.01
	ļ		DERWENT;	
			IBM TDB	
	<del></del>		•	

[-	151	((background or (back adj ground)) adj	USPAT;	2003/06/03 19:04
	l I	image) with encod\$3	EPO; DERWENT;	
į			IBM TDB	
_	36	(((background or (back adj ground)) adj	USPAT;	2003/06/04 11:25
1		image) with encod\$3) and 382/\$.ccls.	EPO;	
			DERWENT;	
			IBM_TDB	0000/06/04 11.54
1 -	55	(binary near4 image) with ((background or (back adj ground)) with (foreground or	USPAT; EPO;	2003/06/04 11:54
		(fore adj ground)))	DERWENT;	
		(1010 day grodia, //	IBM TDB	
-	5694	(background or (back adj ground)) with	USPAT;	2003/06/04 16:04
		(foreground or (fore adj ground))	EPO;	
			DERWENT;	
	4	token with ((background or (back adj	IBM_TDB USPAT;	2003/06/04 11:56
1	1	ground)) with (foreground or (fore adj	EPO;	
		ground)))	DERWENT;	
			IBM_TDB	
<u>'</u> -	867	((background or (back adj ground))) with	USPAT;	2003/06/04 11:57
		(foreground or (fore adj ground))) with pixel\$1	EPO; DERWENT;	
		htvetat	IBM TDB	
! -	75	(((background or (back adj ground)) with	USPĀT;	2003/06/04 11:57
	1	(foreground or (fore adj ground))) with	EPO;	
•		pixel\$1) with "1" with "0"	DERWENT;	
•	5944	(template or mask) near4 match\$3	IBM_TDB USPAT;	2003/06/04 15:56
	1 3344	(template of mask) heary matchys	EPO;	2003/00/04 13:50
1			DERWENT;	
			IBM_TDB	
-	23887	(accumulat\$3 or add or adding or sum or	USPAT;	2003/06/04 17:20
		summing or count\$3) with pixel	EPO; DERWENT;	
	1		IBM TDB	
_	85	((template or mask) near4 match\$3) same	USPAT;	2003/06/04 14:42
		((accumulat\$3 or add or adding or sum or	EPO;	
		summing or count\$3) with pixel)	DERWENT;	
	18	(((template or mask) near4 match\$3) same	IBM_TDB   USPAT;	2003/06/04 14:49
-	10	((accumulat\$3 or add or adding or sum or	EPO;	2003/00/04 14.49
		summing or count\$3) with pixel)) same	DERWENT;	
1		threshold\$3	IBM_TDB	000040645
• -	2	6249608.pn.	USPAT;	2003/06/04 14:49
1			EPO; DERWENT;	
			IBM TDB	
1 -	12985	(template or mask) near4 (match\$3 or	USPAT;	2003/06/04 15:59
•		correlat\$3 or similarity or compar\$5)	EPO;	
			DERWENT;	
_	71	382/219.ccls.	IBM_TDB USPAT;	2003/06/04 15:59
-	'1	002,219.0010.	EPO;	
<u>;</u>			DERWENT;	
			IBM_TDB	0000100100
-	278	(background or (back adj ground)) with	USPAT;	2003/06/04 16:05
1		(foreground or (fore adj ground)) with (accumulat\$3 or add or adding or sum or	EPO; DERWENT;	
		summing or count\$3)	IBM TDB	
_	0	((template or mask) near4 (match\$3 or	USPAT;	2003/06/04 16:05
		correlat\$3 or similarity or compar\$5))	EPO;	
		same ((background or (back adj ground))	DERWENT;	
1		with (foreground or (fore adj ground)) with (accumulat\$3 or add or adding or sum	IBM_TDB	
!		or summing or count\$3))		
	L		l	<u></u>

			·····	,
-	23	((template or mask) near4 (match\$3 or	USPAT;	2003/06/05 11:39
		correlat\$3 or similarity or compar\$5)) and	EPO;	
	•	((background or (back adj ground)) with	DERWENT;	
		(foreground or (fore adj ground)) with	IBM TDB	
		(accumulat\$3 or add or adding or sum or		
		summing or count\$3))		
	100	382/194.ccls.	USPAT;	2003/06/04 16:47
-	102	382/194.CC1S.	l ·	2003/00/04 10:4/
1			EPO;	
1	1		DERWENT;	
			IBM_TDB	
-	10	((template or mask) near4 (match\$3 or	USPĀT;	2003/06/04 16:47
i		correlat\$3 or similarity or compar\$5)) and	EPO;	
	1	382/194.ccls.	DERWENT;	
in .			IBM TDB	
i _	1707	((accumulat\$3 or add or adding or sum or	USPĀT;	2003/06/04 17:20
	1,0,	summing or count\$3) with pixel) with	EPO;	2000,00,01
		threshold\$3	DERWENT;	
+	i	Cureanarda		
			IBM_TDB	0000106104 17 00
i -	16	((template or mask) near4 (match\$3 or	USPAT;	2003/06/04 17:23
		correlat\$3 or similarity or compar\$5))	EPO;	
		same (((accumulat\$3 or add or adding or	DERWENT;	
-		sum or summing or count\$3) with pixel)	IBM_TDB	
		with threshold\$3)	_	
_	2	6272245.pn.	USPAT;	2003/06/04 17:31
	-	<b>V</b> 2.22.0.pm.	EPO;	
	1		DERWENT;	
	}		IBM TDB	
		E054103	USPAT;	2003/06/04 17:32
5	2	5054102.pn.		2003/06/04 17:32
			EPO;	
			DERWENT;	
			IBM_TDB	
-	12900	(template or mask) near4 (match\$3 or	USPAT;	2003/06/15 23:51
		correlat\$3 or compar\$5)	EPO;	
			DERWENT;	
			IBM TDB	
l _	2	5379093.pn.	USPAT;	2003/06/05 11:48
;	1	F	EPO;	
I			DERWENT;	
	:		IBM TDB	
!	1	5515451 mm	USPAT;	2003/06/05 14:59
1 —	2	5515451.pn.	•	2003/06/05 14:59
,			EPO;	
1			DERWENT;	
			IBM_TDB	
l -	19	("3898617"   "4386432"   "4823393"	USPĀT	2003/06/05 12:14
		"5216724"   "5226095"   "5379093"		
}		"5440409"   "5481378"   "5483602"		
		"5515451"   "5533144"   "5592573"		
		"5604596"   "5621810"   "5647010"		
		"5751854"   "5781653"   "5793901"		
		·		[
!	l	"5845008").PN.		